# DATA SHEET

Three Phase Induction Motor - Squirrel Cage

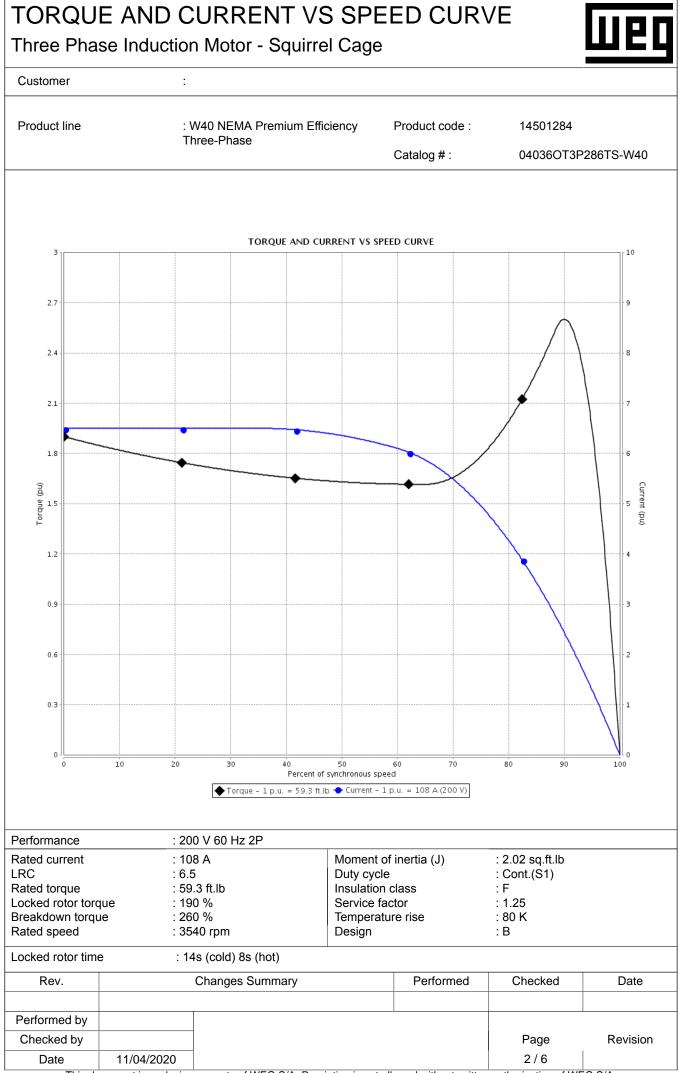
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#### Customer

Product line		: W40 NEMA Premium Efficie Three-Phase			ency Product code :	14501284	14501284	
					Catalog # :	04036OT3P2	286TS-W40	
Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor toro Breakdown torqu Insulation class Service factor Moment of inerti Design	ue	: 2 : 60 F : 200 : 108 : 700 : 6.5x : 34.3 : 3540 : 1.67 : 59.3 : 190 : 260 : F : 1.25	IP (30 kW) Iz V A (Code G) A ) rpm % ft.lb %	)	Locked rotor time Temperature rise Duty cycle Ambient temperature Altitude Protection degree Cooling method Mounting Rotation <sup>1</sup> Noise level <sup>2</sup> Starting method Approx. weight <sup>3</sup>	: 14s (cold) : 80 K : Cont.(S1) : -20°C to +- : 1000 m.a.s : IP23 : IC01 - ODI : F-1 : Both (CW : 73.0 dB(A) : Direct On : 393 lb	40°C s.l. and CCW)	
Output	25%	50%	75%	100%	Foundation loads			
Efficiency (%)	91.5	91.7	92.4	92.4	Max. traction			
Power Factor	0.51	0.76	0.84	0.87	Max. compression			
Bearing type Sealing Lubrication inter Lubricant amour Lubricant type Notes			20	Bearing Seal 000 h 18 g Mol	Without Bearin 20000 h 11 g bil Polyrex EM			
This revision repl must be eliminate (1) Looking the n (2) Measured at (3) Approximate manufacturing pr (4) At 100% of fu	ed. notor from t 1m and wit weight sub ocess.	the shaft e	nd. e of +3dB(	A).	These are average value power supply, subject to MG-1.			
must be eliminate (1) Looking the n (2) Measured at (3) Approximate manufacturing pr	ed. notor from t 1m and wit weight sub ocess.	the shaft en th tolerance bject to char	nd. e of +3dB(	A).	power supply, subject to			
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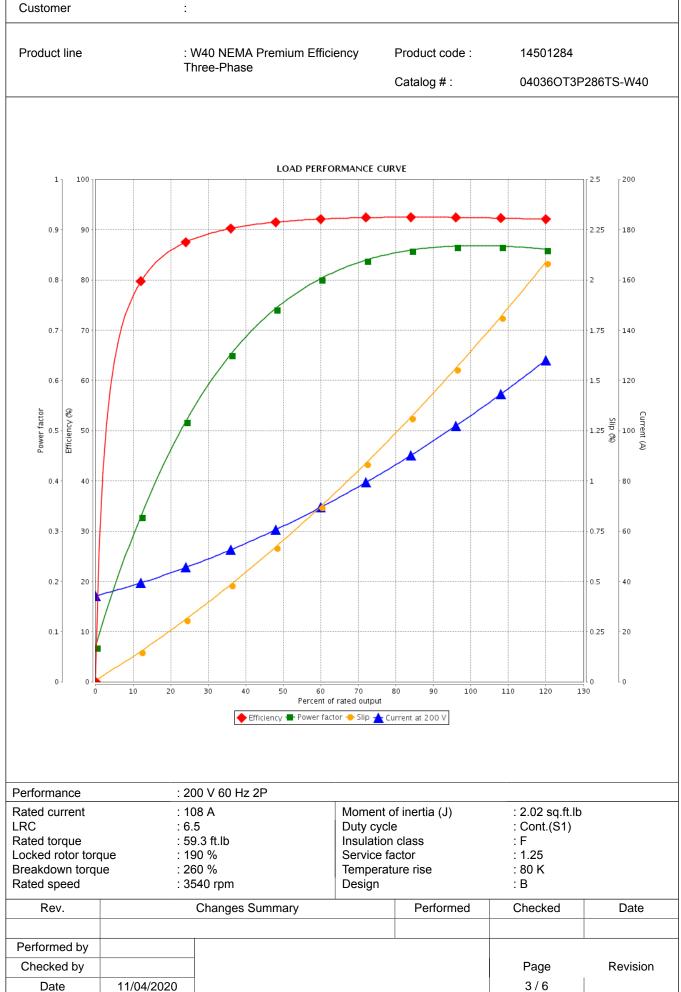


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## LOAD PERFORMANCE CURVE

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### THERMAL LIMIT CURVE

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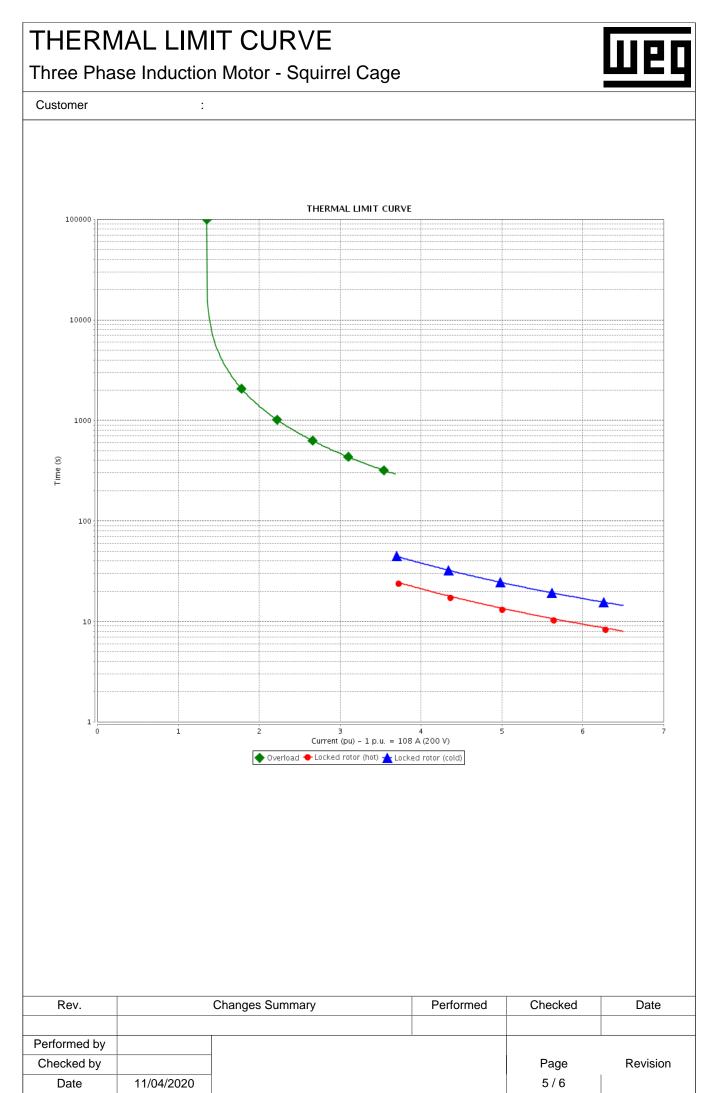
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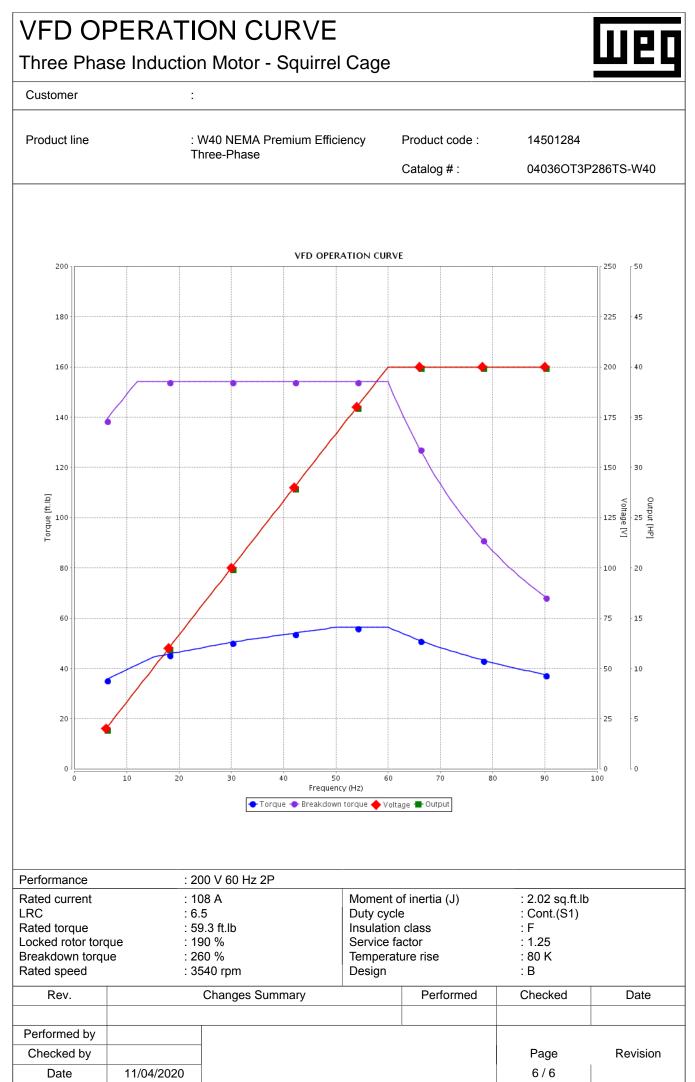
Customer

Product line		W40 NEMA Premium Efficiency hree-Phase		Product code :	14501284	14501284	
				Catalog # :	04036OT3P286TS-W40		
				Catalog # :	04036OT3P2	286TS-W40	
Performance	.:	200 V 60 Hz 2P					
Rated current LRC Rated torque Locked rotor torque Breakdown torque		108 A 6.5 59.3 ft.lb 190 % 260 % 3540 rpm	Moment of inertia (J) Duty cycle Insulation class Service factor Temperature rise Design		: 2.02 sq.ft.lb : Cont.(S1) : F : 1.25 : 80 K : B		
Heating constant							
Cooling constant Rev.	L	Changes Summary		Performed	Checked	Date	
1.07.		Changes Cummary		i chomed	Chooked	Duio	
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